

Notice of Allowability

Application No.

09/902,579

Examiner

Hoang-Vu A. Nguyen-Ba

Applicant(s)

GROSSHART ET AL.

Art Unit

2192

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to April 12, 2005.
2. ☒ The allowed claim(s) is/are 1,3-5,7,8 and 10-24.
3. ☒ The drawings filed on 29 August 2001 are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

Hoang-Vu A. Nguyen-Ba

ANTONY NGUYEN-BA
PRIMARY EXAMINER

DETAILED ACTION

1. This action is responsive to Amendment after Final filed April 12, 2005.
2. Claims 1, 3-5, 7-8, 10-24 are pending.

Response to Amendments

3. Per Applicants' request, claims 2, 6 and 9 have been canceled.
4. In view of Applicants' cancellation of claim 6, which is a duplicate of claim 5, the objection to claim 5 is withdrawn.
5. In view of Applicants' amendments to claims 1, 7, 10 and 11 to direct these claims to statutory subject matter, the rejection of these claims and their dependent claims under 35 U.S.C. § 101 is withdrawn.
6. Applicant's arguments, see Remarks, pp. 12-14, filed April 12, 2005, with respect to claims 1, 3-5, 7-8, 10-24 have been fully considered and are persuasive. The rejections of claims 1, 7-8 and 10-24 under 35 U.S.C. § 102(e) as being anticipated by Wohl et al. and of claims 3-5 as being unpatentable over Wohl et al. in view of CCITT, Recommendation X.722, Information Technology – Open Systems Interconnection -- Structure of Management Information Information: Guidelines for the Definition of Managed Objects ("CCITT") have been withdrawn.

EXAMINER'S AMENDMENT

7. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Tim Cremen, Reg. No. 50,855, on April 29, 2005.

The application has been amended as follows:

Claim 1: at line 6, delete “and” at the end of the line;

Claim 8: delete “using the first information model to generate one or more product-specific information models by selecting one or more first parameters;
storing the one or more product-specific information models
in a computer running a third database;
using the one or more product-specific information models to
generate one or more product profiles or a comparison of two or more product
profiles and; ”

Claim 10: at line 9, delete “and” at the end of the line;

Claim 11: at line 8, delete “and” at the end of the line;

Claim 12: at line 9, insert a semi-colon -- ; -- after “comparison of two or more product profiles” and delete the semi-colon “ ; ” at the end of the line after “and”;

Claim 13: at line 9, insert a semi-colon -- ; -- after “comparison of two or more product profiles” and delete the semi-colon “ ; ” at the end of the line after “and”.

EXAMINER'S STATEMENT OF REASONS FOR ALLOWANCE

9. Claims 1, 3-5, 7-8, 10-24 are allowed.

The following is an examiner's statement of reasons for allowance:

The prior art of record, i.e., Wohl et al. and CCITT, taken alone or in combination, fail to teach a process for generating information models comprising, *inter alia*, the following features:

“incorporating definitions of a plurality of subcomponents of an overall system to generate a first information model in coded form in a first description language;

using the first information model to generate one or more product-specific information models by selecting one or more first parameters;

using the one or more product-specific information models to generate one or more project-specific information models by selecting one or more second parameters.”

Instead, Wohl et al. teaches conversion of simplified behavioral models of memories of simulation libraries into structural models that include automatic test pattern generation (ATPG) memory primitives.

CCITT teaches guidelines for the definition of managed objects. CCITT, however, fails to cure the deficiencies of Wohl et al.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled “Comments on Statement of Reasons for Allowance.”

13. Any inquiry concerning this communication or earlier communications from the Examiner should be directed to Hoang-Vu A. Nguyen-Ba whose telephone number is (571) 272-3701. The Examiner can normally be reached on Tuesday-Friday, 7:15 – 17:45.

If attempts to reach the Examiner by telephone are unsuccessful, the Examiner’s Supervisor, Tuan Dam can be reached at (571) 272-3695.

The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Any inquiry of a general nature or relating to the status of this application should be directed to the TC 2100 Group receptionist: 571-272-2100.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



ANTONY NGUYEN-BA
PRIMARY EXAMINER

Art Unit 2192

April 29, 2005